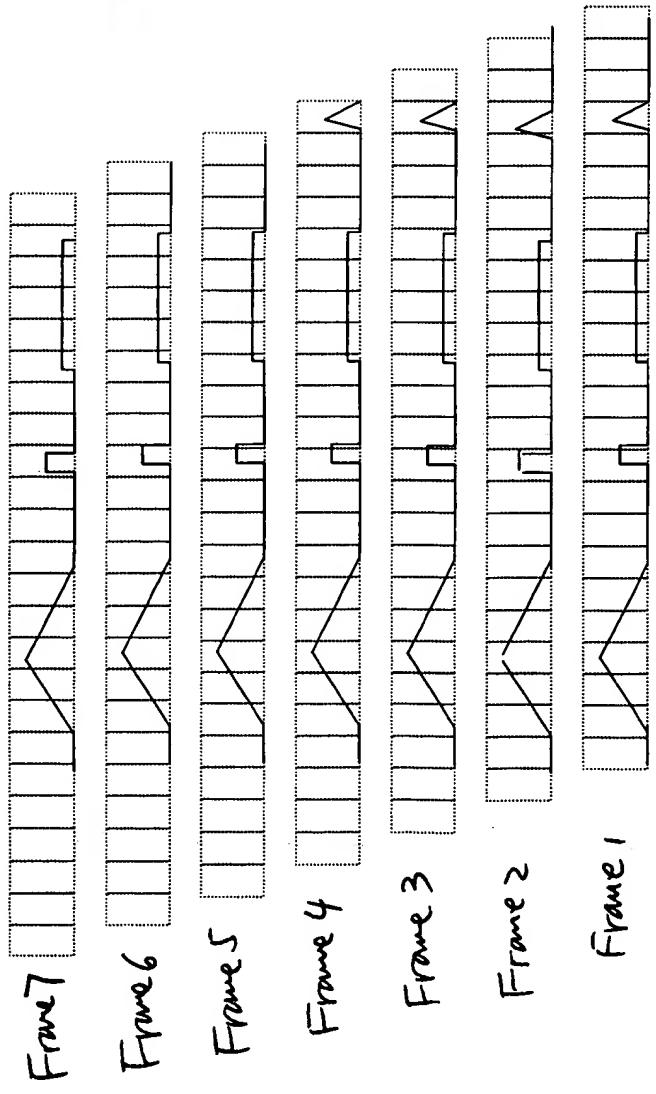
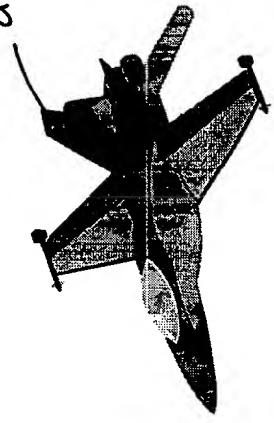


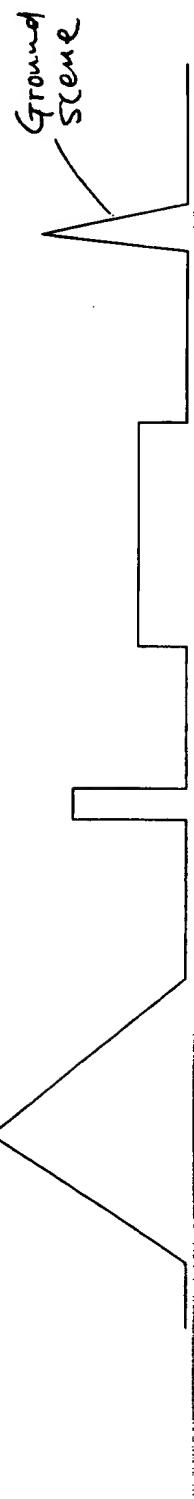
00 00 00 00 T = 00 00 00 00 00

FIG. 1A Time-Delayed Integration

aircraft with  
an imaging array



Averaging of successive  
images (shifted by one-pixel)  
taken in sequence from a  
moving platform such as an  
airplane or satellite in order to  
improve the signal-to-noise  
ratio.



# **FIG. 1B**

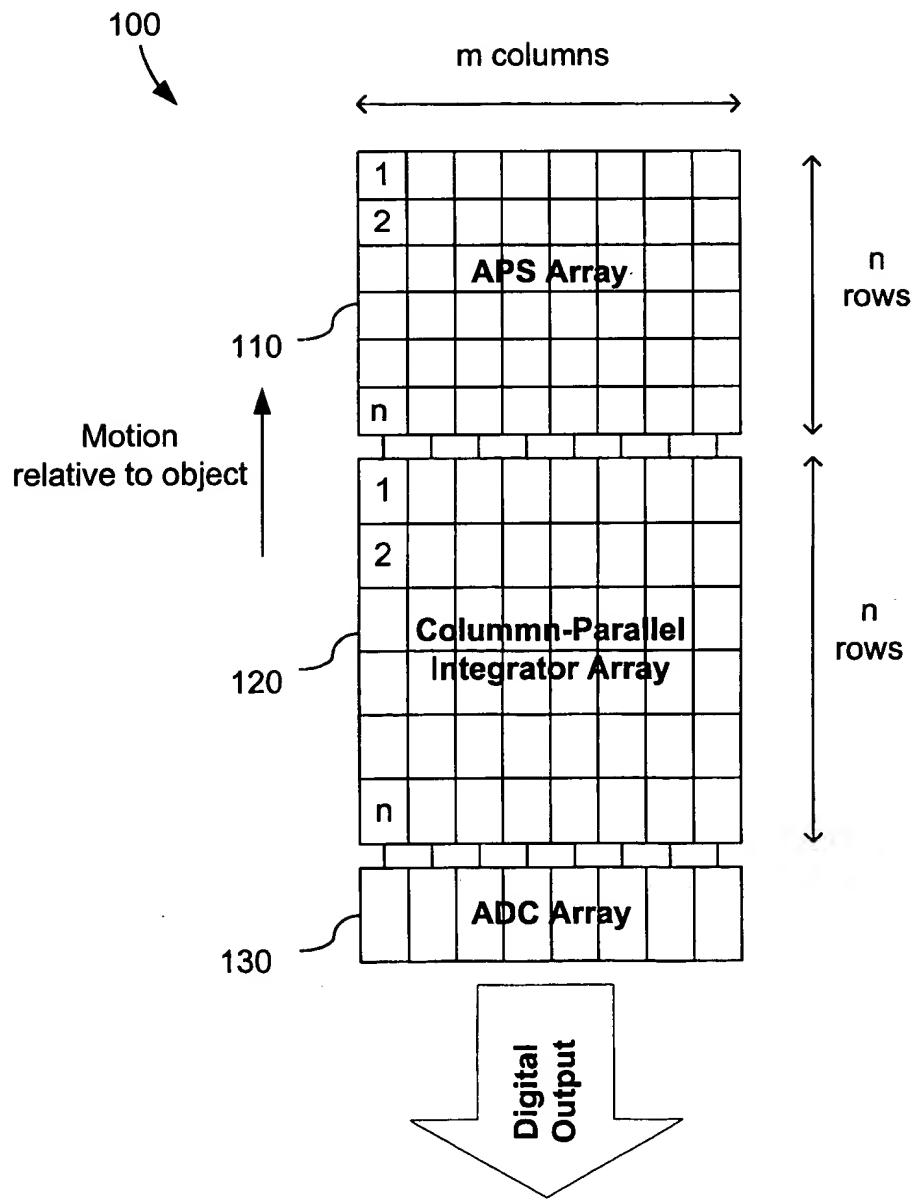


FIG. 1C. Time-Delayed Integration: Clocking Operation

<u>First Frame</u>	<u>Second Frame</u>	<u>Third Frame</u>
Pixel 1 → Integrator 1	Pixel 2 → Integrator 1	Pixel 3 → Integrator 1
Pixel 2 → Integrator 2	Pixel 3 → Integrator 2	Pixel 4 → Integrator 2
Pixel 3 → Integrator 3	Pixel 4 → Integrator 3	Pixel 5 → Integrator 3
Pixel 4 → Integrator 4	Pixel 5 → Integrator 4	Pixel 6 → Integrator 4
Pixel 5 → Integrator 5	Pixel 6 → Integrator 5	Pixel 7 → Integrator 5
•	•	•
•	•	•
•	•	•

FIG. 2A

$2^{00}$

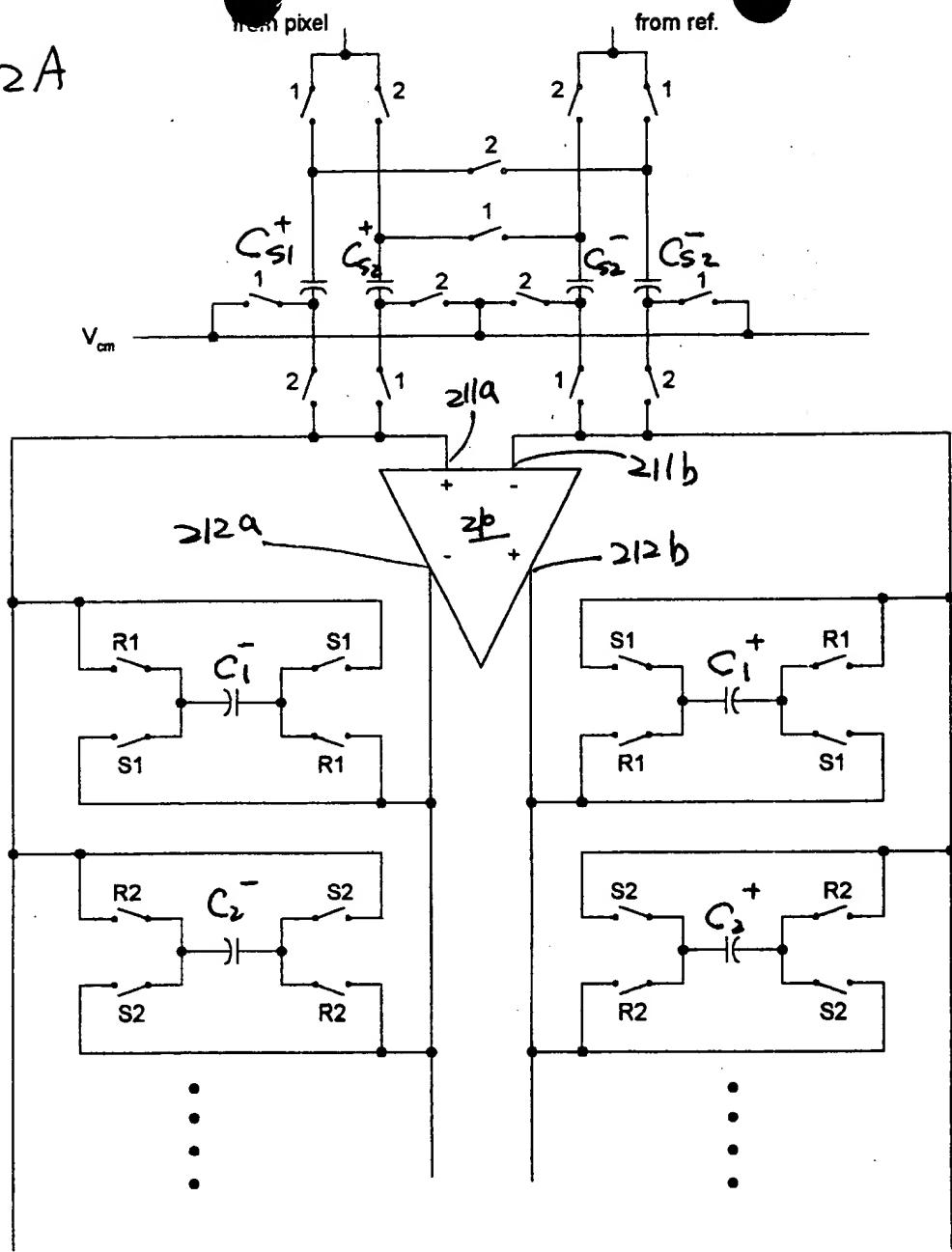
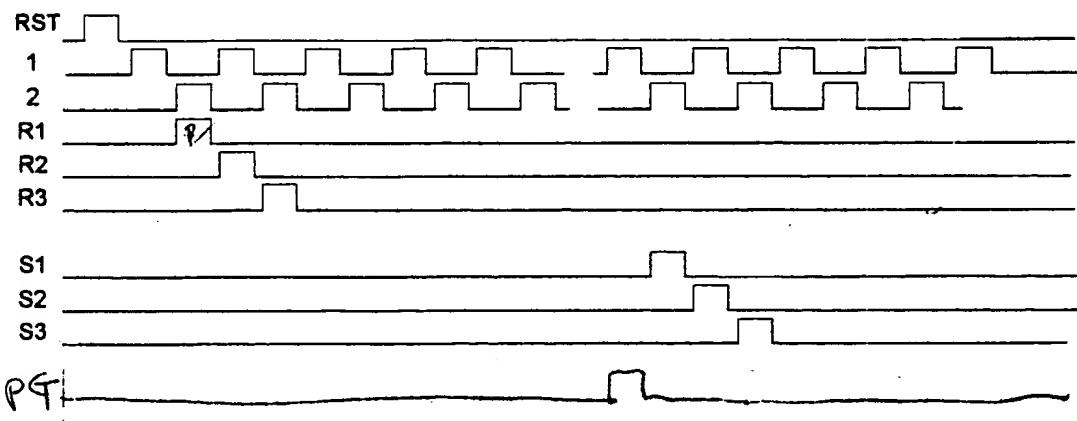


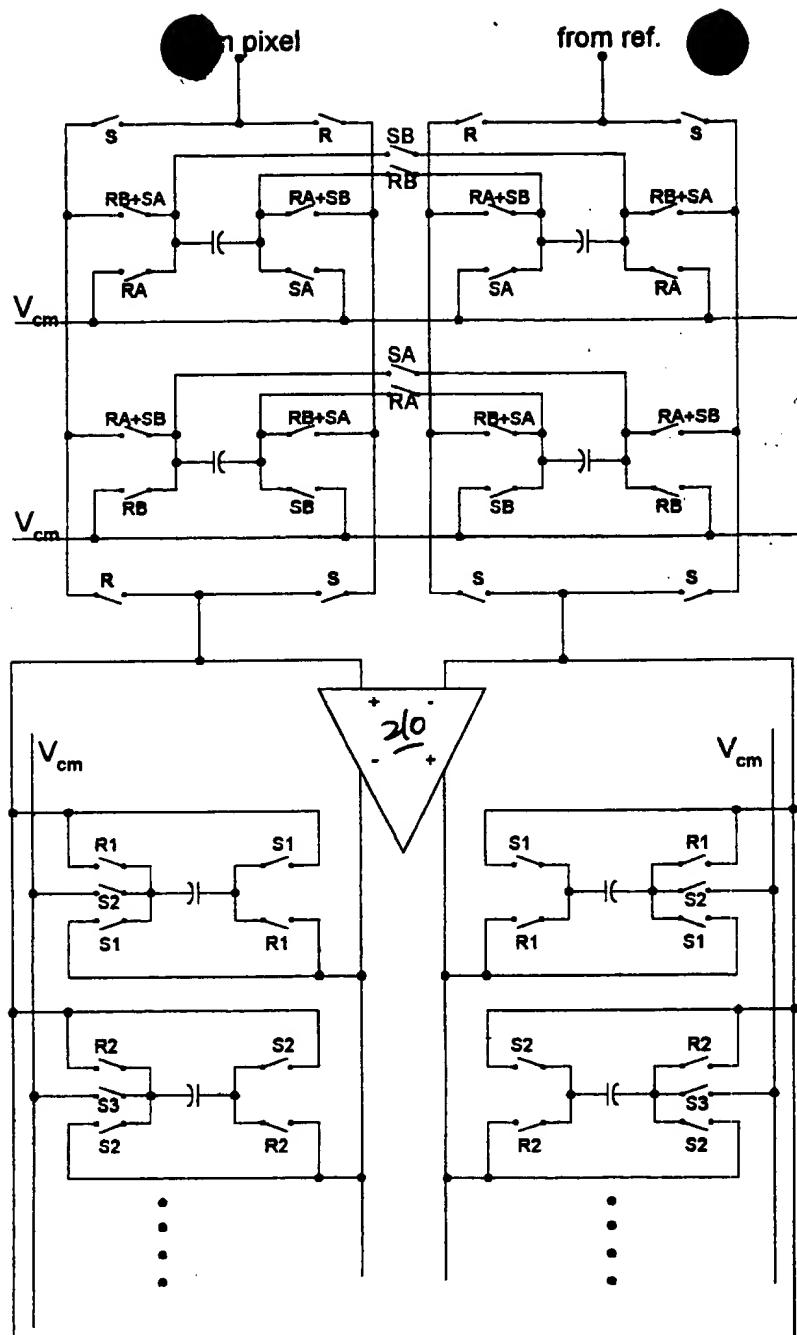
FIG. 2B



09630232 - 1005600

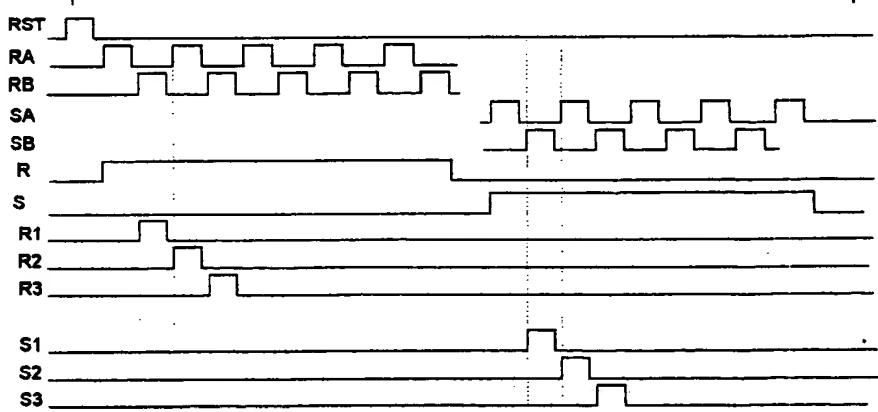
FIG. 3A

300

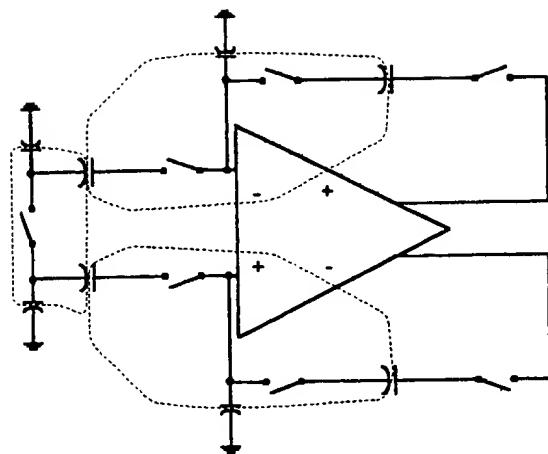


0962866239 = 1000500000

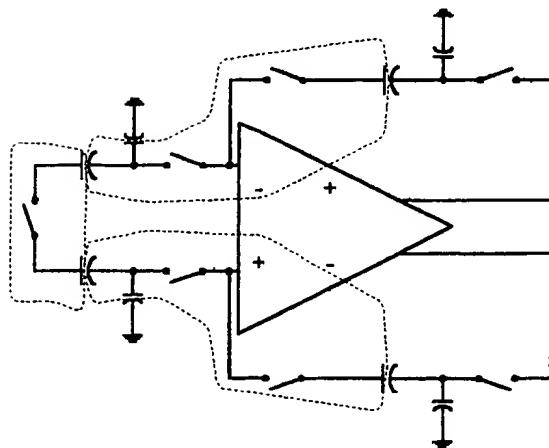
FIG. 3B



**FIG. 4A**



**FIG. 4B**



06618526001/CIT3088

06618526001/CIT3088

FIG. 5A

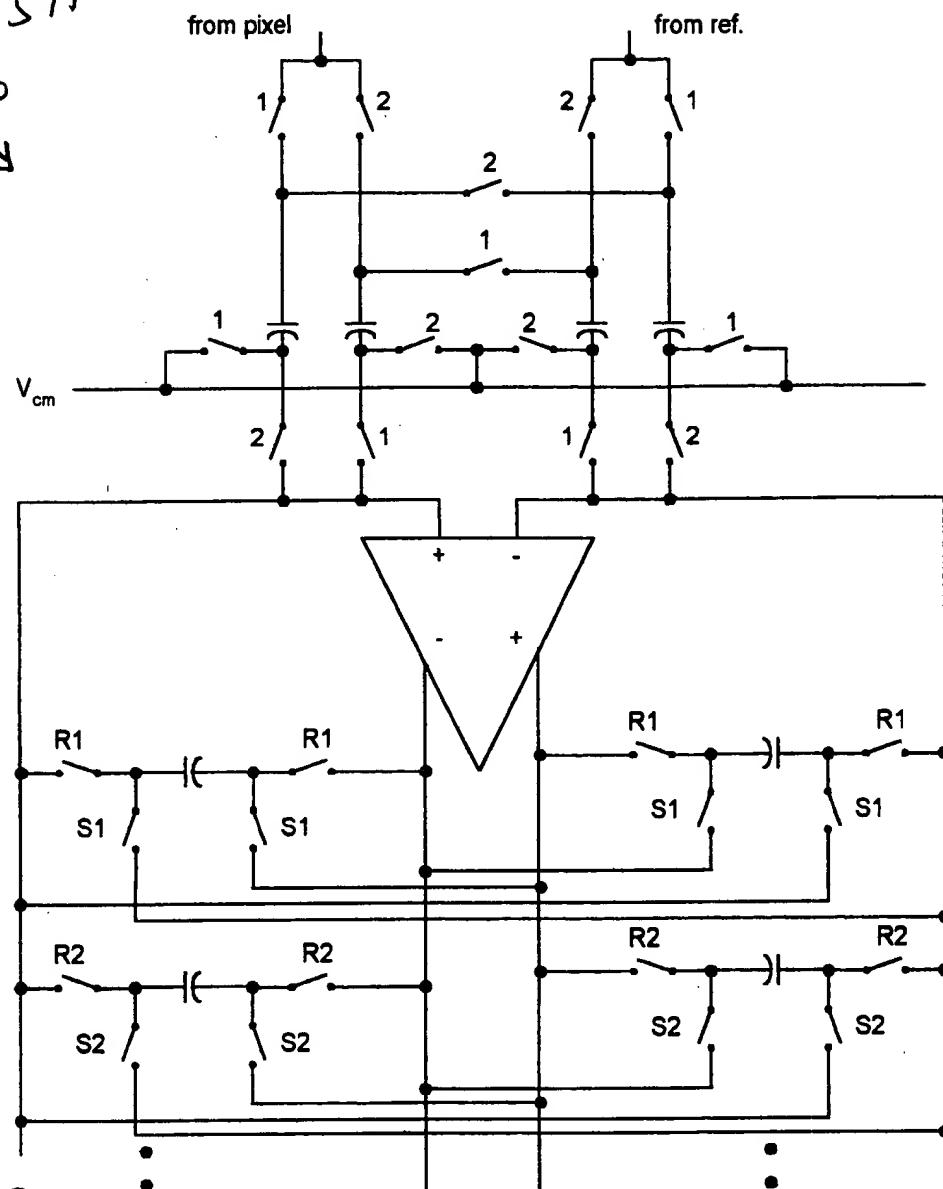


FIG. 5B

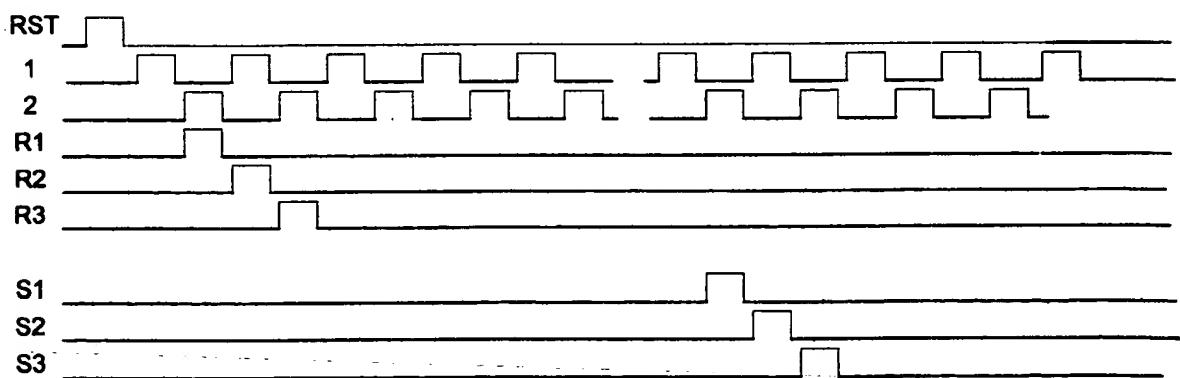


FIG. 6

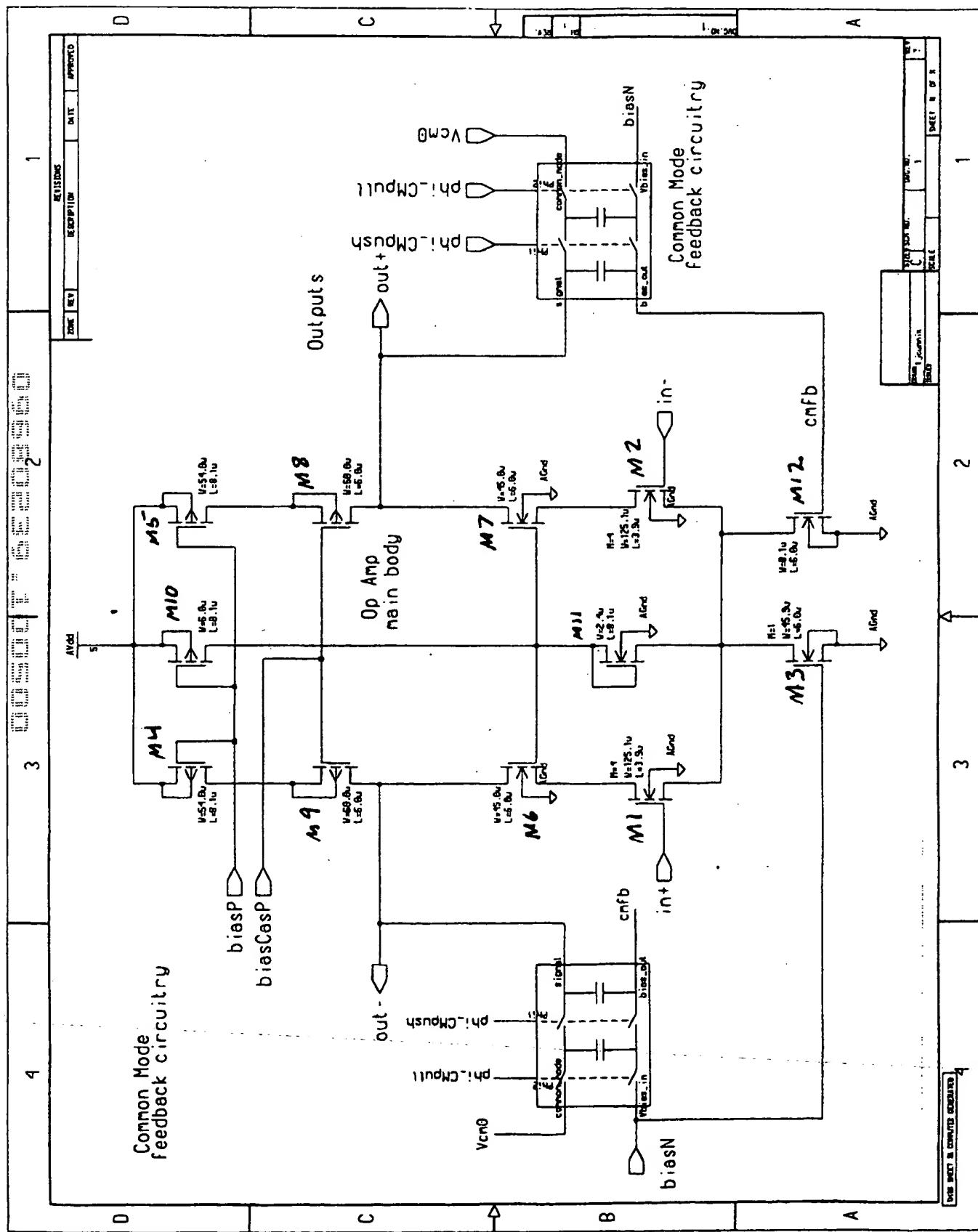


FIG. 7A  $\gamma^{10} \rightarrow$

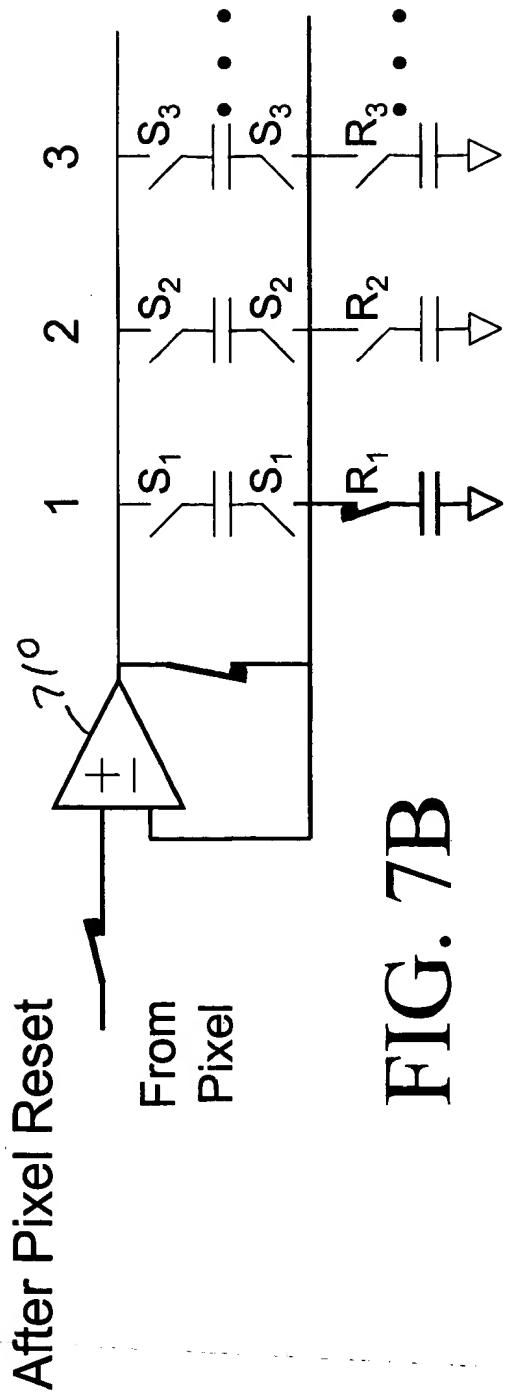


FIG. 7B

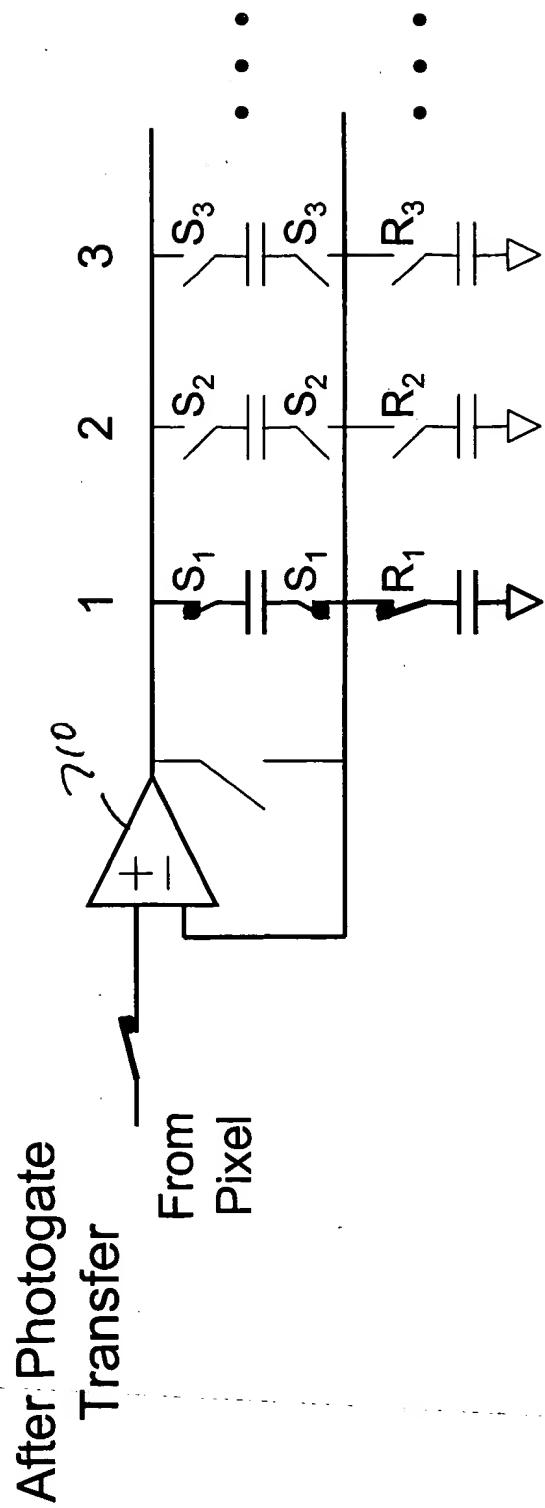


FIG. 7C

